

DATA ANALYTICS AND AI

Accelerate your Intelligence Transformation Journey

In today's data-driven economy, success depends not only on understanding what has happened, but on anticipating what comes next. Techlogix helps its clients turn complex data into clear direction – delivering end-to-end capabilities across Data Engineering, Advanced Analytics, and AI/ML, powered by modern LLMs and Generative and Agentic AI.

We partner with you from strategy to implementation - modernizing your data foundation, activating insights, and embedding AI into workflows - so your organization can move faster, operate smarter, and innovate continuously.



Are you facing the following challenges?

- ⦿ Your data is siloed, messy, inconsistent, low-quality, or difficult to access in a timely, usable form.
- ⦿ Moving models from prototypes to enterprise grade AI solutions requires significant engineering, integration, and ongoing monitoring.
- ⦿ Your organization lacks the right skills and clear cross-functional ownership to align model work with real business goals and workflows.
- ⦿ Limited AI adoption as you grapple with controlling privacy, security, and regulatory risks.
- ⦿ Failing to elicit full advantage when teams can't clearly measure impact or redesign processes to ensure people actually trust and use the outputs.

How we help you stay ahead:

- ⦿ Modernize legacy systems into scalable cloud-native architectures.
- ⦿ Accelerate AI adoption with proven frameworks and rapidly developed models.
- ⦿ Implement MLOps/LLMOps and robust engineering to deploy, monitor, and scale AI in real systems.
- ⦿ Provide cross-functional teams and co-delivery to align AI work with business outcomes and build client capability.
- ⦿ Establish responsible AI governance and security/privacy controls to safely meet regulatory and risk requirements.
- ⦿ Tie use cases to measurable value and embed AI into workflows with strong change management to drive usage.

Techlogix Data Analytics & AI Services

DATA ENGINEERING

From ingestion pipelines to data lake and fabric architectures

Our teams design and implement scalable data ingestion pipelines that reliably collect, process, and transform high-volume, high-velocity data from diverse sources. Whether you need real-time streaming solutions or batch processing frameworks, we tailor architectures to your operational and analytical needs. From data warehouses to data lake platforms and fabric, our solutions empower organizations to build a unified, governed foundation.

ANALYTICS ENABLEMENT

KPI dashboards, self-service BI, customer 360

We build interactive KPI dashboards and performance scorecards to track critical metrics in real time, enabling leaders to make faster, informed decisions. With self-service business intelligence capabilities, your teams can explore, visualize, and analyze data independently, reducing reliance on IT. Additionally, Techlogix implements Customer 360 solutions that integrate data silos into a holistic view of your customers, enhancing personalization and customer engagement across channels.

AI/ML SOLUTIONS

Forecasting, Classification, Recommender systems

Our machine learning expertise spans time-series forecasting to optimize supply chains and operations, and classification models to automate decision-making. We also design sophisticated recommender systems that personalize content, products, and services, driving customer satisfaction and revenue growth. From proof of concept to production deployment, our end-to-end approach ensures that your AI investments deliver measurable impact.

Techlogix Success Stories

For a Massachusetts-based provider, Techlogix delivered an AI-powered Mobile Integrated Healthcare platform that boosts efficiency, maximizes resource utilization, and elevates quality of care. Using predictive analytics, machine learning and Agentic AI, the solution expedites healthcare decisions while automating optimal paramedic assignment, real-time monitoring, and dynamic route planning.

For a leading streaming service, Techlogix implemented an enterprise-grade predictive analytics solution to proactively identify at-risk subscribers. We pinpointed churn catalysts across audience segments, regional markets, and content engagement behaviors. By operationalizing these insights into targeted retention campaigns, the client achieved a 14.5% YoY churn reduction, driving measurable gains in customer lifetime value and recurring revenue.

For a fast-growing fintech, Techlogix developed a digital lending platform powered by AI-driven credit scoring. The platform accelerates loan origination while enhancing risk precision and operational efficiency. The fintech has rapidly scaled - serving 50,000+ unique borrowers, enabling over \$200M in loan disbursements, and maintaining an exceptional 0.2% default rate, demonstrating the strength of its AI-led underwriting and digital-first model.

	Data Engineering	Data Analytics	AI/ML Solutions	LLM Applications	Custom Accelerators
OVERVIEW	End-to-end data engineering services forming the foundation of modern data-driven enterprises.	Services that transform raw data into actionable, decision-ready insights.	Advanced AI and machine learning solutions addressing complex business challenges.	LLM-powered applications that enhance information access and customer engagement.	Reusable, domain-specific AI accelerators to speed up solution development.
KEY CAPABILITIES	Scalable ingestion pipelines, real-time and batch processing, data warehouses, lakes, and fabric.	KPI dashboards, self-service BI, performance scorecards, Customer 360 solutions.	Forecasting, NLP, classification models, recommender systems from POC to production.	Chatbots, summarization, knowledge assistants, document classification and extraction.	Industry-tailored AI templates, reusable components, proven architectures.
BUSINESS VALUE	Unified, governed data foundations that power analytics and AI initiatives.	Faster decisions, reduced IT dependency, improved customer personalization.	Operational optimization, automated decisions, revenue and satisfaction growth.	Improved productivity, reduced manual effort, secure and responsible LLM adoption.	Faster time to market, lower risk, predictable outcomes for AI adoption.

LLM APPLICATIONS

Chatbots, summarization, knowledge assistant agents, document intelligence

We harness the power of large language models (LLMs) to transform how organizations engage with information and customers. Our LLM applications include intelligent chatbots that deliver natural, conversational support, summarization tools that distill long documents into concise overviews, and knowledge assistant agents that extract critical insights on demand or automatically. With document intelligence solutions, we automate document classification, extraction, and analysis, reducing manual effort and improving compliance. Techlogix helps you operationalize LLMs securely and responsibly to accelerate productivity and innovation.

CUSTOM ACCELERATORS

Domain-specific AI templates to cut development time

Techlogix helps develop libraries of custom accelerators, domain-specific AI templates and reusable components that dramatically reduce time to market for your solutions. Whether you are in retail, finance, healthcare, or manufacturing, our accelerators incorporate proven architectures, workflows, and best practices tailored to your industry. By jumpstarting development and reducing implementation complexity, you can focus resources on fine-tuning models and experiences that set your business apart. With Techlogix, you get faster, lower-risk AI adoption with predictable outcomes.

Data ML / AI Use Case Experience:

- Auto  Smart Vision-Based Airbag Controller (US patent)
- Banking  Prospect credit scoring and income prediction for digital lending
Smart document processing
- Digital Publishing  Personalized & Explainable Content Recommendations
- Government  Facial recognition for Real ID Driver License
Facial recognition for law enforcement applications
- Healthcare  Remote Patient Monitoring
AI-Enabled Platform for Mobile Integrated Healthcare
- Higher Education  Data Analytics and grade prediction
- Manufacturing  Mobility platform for distribution and supply chain demand prediction
- Media  Customer churn prediction for a streaming service

WHY CHOOSE US

Your Innovation Partner in the Age of AI

- ◎ **Proven Track Record:** 25+ years of delivering software development, data & AI projects across finance, retail, healthcare, manufacturing, and technology.
- ◎ **Partnerships:** Certified partners with Microsoft, Google Cloud, and Oracle.
- ◎ **Cloud Data Platform Expertise:** Snowflake, Databricks, Azure Synapse.
- ◎ **LLM Expertise:** Building private and hybrid LLM deployments using OpenAI, Gemini, Hugging Face, Anthropic, and open-source stacks like Llama2 and Mistral.
- ◎ **Agentic RAG:** Partner of Progress Software (Semaphore, MarkLogic).
- ◎ **Agile Delivery:** From MVP to production in weeks with agile and DevOps-driven AI lifecycle management.
- ◎ **AI with Ethics:** We build AI systems that are secure, explainable, and human-centric.



About Us

Techlogix is an IT services, consulting, and business solutions company that helps its clients use innovation and emerging information technologies to digitally transform their business. Our globally distributed development teams build high performance solutions leveraging our practice-specific delivery methodologies. Our people combine the spirit of engineering excellence with a strong commitment to deliver a delightful end-to-end customer experience. Techlogix employs approximately 600 people in 6 delivery centers worldwide.

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